CLAIMS

What is claimed is:

1. An apparatus for repositioning an intervertebral implant in an intervertebral space, the apparatus comprising:

at least one shaft having a distal end and a longitudinal axis; and

at least two pins coupled to the shaft distal end and extending in a same direction and perpendicular to a plane passing through the longitudinal axis, each pin being parallel to all others of the pins;

wherein the implant includes at least two holes, at least two of the pins being sized, directed, and spaced for simultaneous engagement with at least two of the holes; and

wherein such simultaneous engagement enables repositioning of the implant via application of pressure to the shaft.

2. The apparatus according to claim 1, wherein the implant is a spacer, an artificial intervertebral disc, or an artificial intervertebral disc trial.

3. The apparatus according to claim 1, wherein the simultaneous engagement of at least two of the pins into at least two of the holes enables rotation of the implant in the intervertebral space in a plane perpendicular to a longitudinal axis of a spine having the intervertebral space by pushing the shaft in the perpendicular plane.

4. The apparatus according to claim 1, wherein the simultaneous engagement of at least two of the pins into at least two of the holes enables extraction of the implant from the intervertebral space along the longitudinal axis of the shaft via application of a force to the shaft in a proximal direction.

5. The apparatus according to claim 1, wherein selection of the at least two holes for simultaneous engagement by the at least two pins corresponds to selection of a surgical approach, and wherein the approach is one of the group consisting of an anterior approach and an anterio-lateral approach.

6. The apparatus according to claim 1, wherein the shaft distal end bends in a direction toward one of the group consisting of left and right relative to the longitudinal axis.

7. The apparatus according to claim 1, further comprising a handle coupled to the shaft, wherein applying pressure to the handle in a proximal direction aids extraction of the implant from the intervertebral space.

8. The apparatus according to claim 1, further comprising at least one prong, wherein at least one of the pins is coupled to the shaft via at least one of the prongs.

9. The apparatus according to claim 8, wherein the shaft distal end is symmetrically divided into at least two prongs.

10. The apparatus according to claim 9, wherein at least one prong extends perpendicular to the shaft distal end.

11. The apparatus according to claim 9, wherein a first prong extends along the longitudinal axis of the shaft, and a second prong is curved and extends away from the longitudinal axis.

12. A set of apparatuses for repositioning an intervertebral implant in an intervertebral space, each apparatus comprising:

a shaft having a distal end and a longitudinal axis; and

a pair of pins coupled to the shaft distal end and extending in a same direction parallel to one another and perpendicular to a plane passing through the longitudinal axis;

wherein the implant includes multiple pairs of holes, and each hole pair is engageable by any of the pairs of pins; and

wherein each apparatus has a respective orientation of the longitudinal axis of the shaft of the apparatus relative to the orientation of the pair of pins of the apparatus, such that a selection of a particular pair of pins for engagement with a particular hole pair corresponds to a selection of a surgical approach that is substantially aligned with the longitudinal axis of the

shaft.

13. The set of apparatuses of claim 12, wherein the surgical approach is one of the group consisting of an anterior approach and an anterior-lateral approach.